



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005



Job No.: CTCE/BBMP/W.No.15/KN /STEEL/2016-17

10.05.2016

TEST REPORT ON REINFORCEMENT STEEL

Customer : Asst. Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Mr. K. Nagaraja,
H17, 1st Cross, Sathagiri Layout, Vidyanarayapura, Bangalore - 97.

Name of the Work : Improvements and construction of CC road Church Road at Bhuvaneshwari Nagara in Dasarahalli Ward No. 15, BBMP, Bangalore.

Reference : BBMP/DZ/AEE/TDSD/PR/2016-17
Dated: 04.05.2016

Date of Test : 10.05.2016

Technical Reference : IS: 1786-2008



Sl. No	Nominal size (dia) (mm)	Mass per metre (Kg/mtr)	TENSILE STRENGTH			Bend Test	Rebend Test
			0.20% proof stress/Yield stress N/mm ²	Tensile strength (Ultimate stress) N/mm ²	Elongation percent gauge length		
1	10	0.62	514	557	13.30	O.K	O.K

Note:

- ⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

(Handwritten signature)
ವಿಷ್ಣುನಾಥ್ ಶಾಸ್ತ್ರಿ
ಬಿ.ಬಾಸವೇಶ್ವರ ನಗರ-೨
ಬೆಂಗಳೂರು, ಕರ್ನಾಟಕ

M/s. Civil-Tech Consultants & Engineers
23/14, 7th Cross, 3rd Stage,
4th Block, Shaktiganapathinagara,
Basaveshwaranagar,
Bangalore-560079

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakti Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/W.No.15/KN/CSR-05/030c/CUBE/2016-17

09.06.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer : Asst. Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

* Agency : Mr. K. Nagaraja,
H17, 1st Cross, Sapthagiri Layout, Vidyananyapura, Bangalore - 97.

* Name of the work : Improvements and construction of CC road Church Road at Bhuvaneshwari Nagara in Dasarahalli Ward No. 15, BBMP, Bangalore.

Reference : BBMP/DZ/AEE/TDSD/PR/2016-17 Dated: 04.05.2016

* Sample ID : Road Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

* Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sample Received on : 09.06.2016



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	12.05.2016	09.06.2016	8.169	499.6	22.21
2	12.05.2016	09.06.2016	8.321	486.8	21.63
3	12.05.2016	09.06.2016	8.236	509.5	22.64

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಶ್ರೀಮತಿ ಕೆ.ನಾಗರಾಜ್
ಬಿ.ಬಾಸವೇಶ್ವರ ನಗರ-ವಿಭಾಗ
ಬಾಂಸೋಲಿ, ಬೆಂಗಳೂರು
ಬೆಂಗಳೂರು

VISHWANATH. I.A.
Chief Executive Officer

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/W.No.15/KN/CSR-05/030c/CUBE/2016-17

09.06.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer : Asst. Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

* Agency : Mr. K. Nagaraja,
H17, 1st Cross, Sapthagiri Layout, Vidyanarayapura, Bangalore - 97.

* Name of the work : Improvements and construction of CC road Church Road at Bhuvaneshwari Nagara in Dasarahalli Ward No. 15, BBMP, Bangalore.

Reference : BBMP/DZ/AEE/TDSD/PR/2016-17 Dated: 04.05.2016

* Sample ID : Road Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

* Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sample Received on : 09.06.2016



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	12.05.2016	09.06.2016	8.426	502.6	22.34
2	12.05.2016	09.06.2016	8.156	487.5	21.67
3	12.05.2016	09.06.2016	8.324	516.7	22.96

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಶ್ರೀ
ಕರ್ನಾಟಕ ರಾಜ್ಯ ಸಾರ್ವಜನಿಕ ಕಾರ್ಯದರ್ಶಿ
ಟಿ.ದಾಸರಹಳ್ಳಿ, ಉಪ-ವಿಭಾಗ
ದಾಖಲಾಗುಂಟೆ, ದಿವಿಎಂಪಿ
ಬೆಂಗಳೂರು

VISHWANATH. I.A.
Chief Executive Officer

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/W.No.15/KN/CSR-05/030c/CUBE/2016-17

10.06.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer : Asst. Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

* Agency : Mr. K. Nagaraja,
H17, 1st Cross, Sapthagiri Layout, Vidyanarayana, Bangalore - 97.

* Name of the work : Improvements and construction of CC road Church Road at Bhuvaneshwari Nagara in Dasarahalli Ward No. 15, BBMP, Bangalore.

Reference : BBMP/DZ/AEE/TDSD/PR/2016-17 Dated: 04.05.2016

* Sample ID : Road Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

* Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sample Received on : 10.06.2016



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	13.05.2016	10.06.2016	8.426	506.9	22.53
2	13.05.2016	10.06.2016	8.456	485.8	21.59
3	13.05.2016	10.06.2016	8.123	514.8	22.88

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಶ್ರೀಮತಿ. ಕುಮಾರ್ ಸುಷ್ಮಿತಾ
ಪ್ರಾಜೆಕ್ಟ್ ಇಂಜಿನಿಯರ್, ಸಿ.ಟಿ.ಎಸ್.ಎಂ.ಎಸ್.
ಬೆಂಗಳೂರು, ಕೆ.ಆರ್.ನಗರ
ದಿನಾಂಕ: 10.06.2016

VISHWANATH. I.A.
Chief Executive Officer

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/W.No.15/KN/CSR-05/030c/CUBE/2016-17

10.06.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer : Asst. Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

* Agency : Mr. K. Nagaraja,
H17, 1st Cross, Sapthagiri Layout, Vidyanarayana, Bangalore - 97.

* Name of the work : Improvements and construction of CC road Church Road at Bhuvaneshwari Nagara in Dasarahalli Ward No. 15, BBMP, Bangalore.

Reference : BBMP/DZ/AEE/TDSD/PR/2016-17 Dated: 04.05.2016

* Sample ID : Road Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

* Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sample Received on : 10.06.2016



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	13.05.2016	10.06.2016	8.169	486.5	21.62
2	13.05.2016	10.06.2016	8.369	501.6	22.29
3	13.05.2016	10.06.2016	8.427	511.7	22.74

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ಶ್ರೀಮತಿ. ಕಾರ್ಯಾಚಾರ್ಯ ಅಧೀನದಲ್ಲಿ
ಬಿ.ಕಾಸರಹಳ್ಳಿ, ಉಪ-ವಿಭಾಗ
ಬಾಹ್ಯಾಂಗ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

VISHWANATH. I.A.
Chief Executive Officer

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com